Offsite Investigations Overview

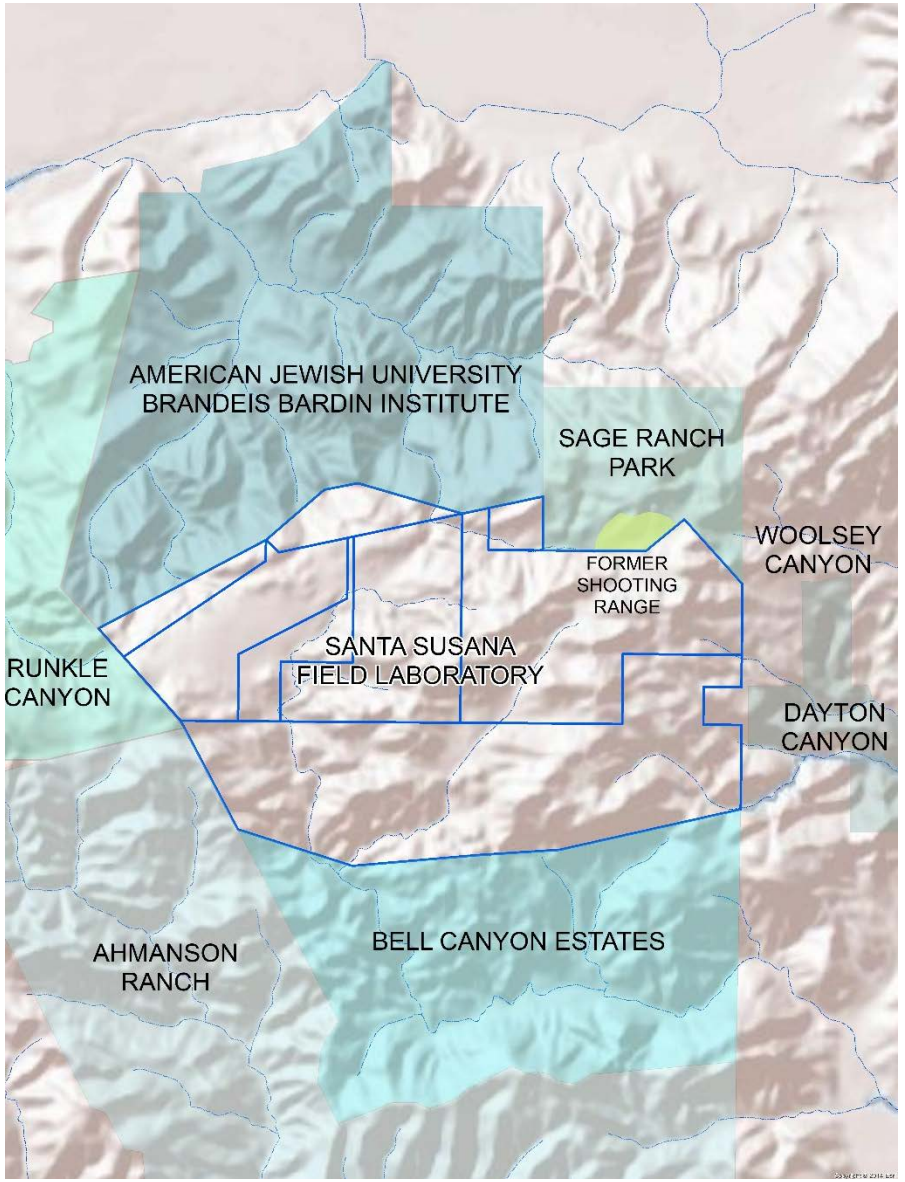
Since 1985, multiple chemical and radiological investigations have been conducted at the Santa Susana Field Laboratory (SSFL) and on properties adjoining the site. The investigations included environmental measurements relating to soil, groundwater, surface water, air, and drinking water.

DTSC has conducted extensive reviews of the offsite environmental data and studies, including data collected by other government agencies.

To date, DTSC has not found any evidence that contamination from research and testing operations at SSFL has posed or would pose a threat to human health or the environment outside the SSFL site boundaries.

Within the site boundaries of SSFL, investigation results indicate areas with contamination above goals protective of human health and the environment. The planned cleanup action will be protective of future users of the site.

There is an ongoing investigation and cleanup of a former recreational shooting range on the Sage Ranch Park Property.



Summary of Investigations of Surrounding Properties

Brandeis Bardin Institute	• DTSC prepared a report summarizing investigation work to date in May 2017, concluding no threat from SSFL • Surface water discharge regulated by the Los Angeles Regional Water Quality Control Board (LARWQCB) at Outfall 9

Sage Ranch Park	• Two (2) cleanup actions for lead shot and debris have been performed:
	  ○ Northern Drainage Imminent and Substantial Endangerment (2009) – directed by DTSC
	  ○ Interim Source Removal (2011) regulated by the Los Angeles Regional Water Quality Control Board (LARWQCB)
	• Investigation for cleanup of the former Shooting Range is nearly complete, a trail is closed until cleanup is finished
	• DTSC and LAWQCB verifying surface control of the migration of lead shot

Woolsey Canyon	• Radiological investigations were conducted in 1997 and 2007, and chemical investigations in 2008. ○ Results consistent with background
Dayton Canyon	• Preliminary Endangerment Assessment submitted February 2008, recommending no further action ○ DTSC concurred with the no further action recommendation in October 2008 • Surface water discharge regulated at Outfall 8 by the LARWQCB • Development of residential community in progress
Bell Canyon	• Bell Canyon investigated in 1998, Buffer zone between operational areas and Bell Canyon investigated in 2017 ○ No threat from SSFL identified • Surface water discharge regulated by LARWQCB at Outfalls 1, 2, 11, and 19
Ahmanson Ranch	• Environmental Sampling Report prepared 2000, concludes contamination did not migrate from SSFL ○ CA Public Works Board in 2003 acknowledged conclusion satisfies due diligence standard for purchasing the property for use as parkland. Now part of Santa Monica Mountain Conservancy
Runkle Canyon	• Evaluation Report submitted December 2010, recommending no further action ○ DTSC concurred with the no further action recommendation in December 2010 • Development of residential community in progress

DTSC Contact

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DTSC Technical Documents

DTSC web site: http://www.dtsc.ca.gov/SiteCleanup/Santa_Susana_Field_Lab/ssfl_document_library.cfm

- Go to “Offsite Investigations” then select topic of interest